

**IN THE CLAIMS:**

1. (Original): A method in a data processing system including a logically partitioned computer system and a hardware management console, said hardware management console being a stand-alone system separate from said computer system, a service application being executable by said hardware management console for managing service of and placing service calls for said logically partitioned computer system, said method comprising the steps of:  
including a service partition and a service processor within said logically partitioned computer system;  
monitoring, by said service processor, a presence of said service application executing on said hardware management console; and  
in response to an absence of said service application, reporting, utilizing said service partition system, said absence of said service application to a system administrator of said service partition.
2. (Original): The method according to claim 1, further comprising the step of reporting, from said service processor, said absence of said service application to said service partition.
3. (Original): The method according to claim 1, further comprising the steps of:  
outputting a signal from said service application utilizing said hardware management console to said service processor; and  
utilizing said signal, by said service processor, to monitor a presence of said service application.
4. (Original): The method according to claim 3, further comprising the step of determining that said service application is absent in response to an absence of said signal.
5. (Original): The method according to claim 3, further comprising the step of determining that said service application is absent in response to an absence of said signal during a particular period of time.

6. (Original): The method according to claim 5, further comprising the steps of:  
displaying a message utilizing said service partition prompting said system administrator of said service partition to check whether said hardware management console is connected to said logically partitioned computer system;  
receiving an entry in response to said message; and  
in response to an entry that said hardware management console is disconnected from said logically partitioned computer system, displaying a message to said system administrator to reconnect said hardware management console to said logically partitioned computer system.
7. (Original): The method according to claim 6, further comprising the steps of:  
in response to an entry of a message that said hardware management console is connected to said logically partitioned computer system, displaying a message utilizing said service partition prompting said system administrator to check physical links between said hardware management console and said logically partitioned computer system;  
receiving an entry in response to said message; and  
in response to an entry that said physical links are not intact, displaying a message utilizing said service partition prompting said system administrator to reestablish said physical links between said hardware management console and said logically partitioned computer system.
8. (Original): The method according to claim 7, further comprising the step of in response to an entry that said physical links are intact, displaying a message utilizing said service partition prompting said system administrator to manually place a service call.
9. (Original): The method according to claim 5, further comprising the steps of:  
displaying a message utilizing said service partition prompting said system administrator to check physical links between said hardware management console and said logically partitioned computer system;  
receiving an entry in response to said message; and  
in response to an entry that said physical links are not intact, displaying a message utilizing said service partition prompting said system administrator to reestablish said physical

links between said hardware management console and said logically partitioned computer system.

10. (Original): A data processing system including a logically partitioned computer system and a hardware management console, said hardware management console being a stand-alone system separate from said computer system, a service application being executable by said hardware management console for managing service of and placing service calls for said logically partitioned computer system, comprising:

a service partition and a service processor included within said logically partitioned computer system;

said service processor for monitoring a presence of said service application executing on said hardware management console; and

in response to an absence of said service application, said service partition system for reporting said absence of said service application to a system administrator of said service partition.

11. (Original): The system according to claim 10, further comprising said service processor for reporting said absence of said service application to said service partition.

12. (Original): The system according to claim 10, further comprising:

said service application for outputting a signal utilizing said hardware management console to said service processor; and

said service processor for utilizing said signal to monitor a presence of said service application.

13. (Original): The system according to claim 12, further comprising said service processor for determining that said service application is absent in response to an absence of said signal.

14. (Original): The system according to claim 12, further comprising said service processor for determining that said service application is absent in response to an absence of said signal during a particular period of time.

15. (Original): The system according to claim 14, further comprising:  
said service partition for displaying a message prompting said system administrator of  
said service partition to check whether said hardware management console is connected to said  
logically partitioned computer system;  
an entry being received in response to said message; and  
in response to an entry that said hardware management console is disconnected from said  
logically partitioned computer system, said logically partitioned computer system for displaying  
a message to said system administrator to reconnect said hardware management console to said  
logically partitioned computer system.
16. (Original): The system according to claim 15, further comprising:  
in response to an entry of a message that said hardware management console is connected  
to said logically partitioned computer system, said service partition for displaying a message  
prompting said system administrator to check physical links between said hardware management  
console and said logically partitioned computer system;  
an entry being received in response to said message; and  
in response to an entry that said physical links are not intact, said service processor for  
displaying a message prompting said system administrator to reestablish said physical links  
between said hardware management console and said logically partitioned computer system.
17. (Original): The system according to claim 16, further comprising in response to an entry  
that said physical links are intact, said service partition for displaying a message prompting said  
system administrator to manually place a service call.
18. (Original): The system according to claim 14, further comprising:  
said service partition for displaying a message prompting said system administrator to  
check physical links between said hardware management console and said logically partitioned  
computer system;  
an entry being received in response to said message; and

in response to an entry that said physical links are not intact, said service partition for displaying a message prompting said system administrator to reestablish said physical links between said hardware management console and said logically partitioned computer system.

19. (Original): A computer program product in a data processing system including a logically partitioned computer system and a hardware management console, said hardware management console being a stand-alone system separate from said computer system, a service application being executable by said hardware management console for managing service of and placing service calls for said logically partitioned computer system, said computer program product comprising:

instruction means for including a service partition and a service processor within said logically partitioned computer system;

instruction means for monitoring, by said service processor, a presence of said service application executing on said hardware management console; and

in response to an absence of said service application, instruction means for reporting, utilizing said service partition system, said absence of said service application to a system administrator of said service partition.

20. (Original): The product according to claim 19, further comprising instruction means for reporting, from said service processor, said absence of said service application to said service partition.

21. (Original): The product according to claim 19, further comprising:

instruction means for outputting a signal from said service application utilizing said hardware management console to said service processor; and

instruction means for utilizing said signal, by said service processor, to monitor a presence of said service application.

22. (Original): The product according to claim 21, further comprising instruction means for determining that said service application is absent in response to an absence of said signal.

23. (Original): The product according to claim 21, further comprising instruction means for determining that said service application is absent in response to an absence of said signal during a particular period of time.

24. (Original): The product according to claim 23, further comprising:

instruction means for displaying a message utilizing said service partition prompting said system administrator of said service partition to check whether said hardware management console is connected to said logically partitioned computer system;

instruction means for receiving an entry in response to said message; and

in response to an entry that said hardware management console is disconnected from said logically partitioned computer system, instruction means for displaying a message to said system administrator to reconnect said hardware management console to said logically partitioned computer system.

25. (Original): The product according to claim 24, further comprising:

in response to an entry of a message that said hardware management console is connected to said logically partitioned computer system, instruction means for displaying a message utilizing said service partition prompting said system administrator to check physical links between said hardware management console and said logically partitioned computer system;

instruction means for receiving an entry in response to said message; and

in response to an entry that said physical links are not intact, instruction means for displaying a message utilizing said service partition prompting said system administrator to reestablish said physical links between said hardware management console and said logically partitioned computer system.

26. (Original): The product according to claim 25, further comprising in response to an entry that said physical links are intact, instruction means for displaying a message utilizing said service partition prompting said system administrator to manually place a service call.

27. (Original): The product according to claim 23, further comprising:

instruction means for displaying a message utilizing said service partition prompting said system administrator to check physical links between said hardware management console and said logically partitioned computer system;

instruction means for receiving an entry in response to said message; and

in response to an entry that said physical links are not intact, instruction means for displaying a message utilizing said service partition prompting said system administrator to reestablish said physical links between said hardware management console and said logically partitioned computer system.